



Main

Range	EcoStruxure Building Expert
Product name	SE7000 Series
Device short name	SE7600B
Product or component type	Room controller
Device application	Low voltage rooftop
Product specific application	2-stage cooling 2-stage heating
Sensor type	10 kOhm T2 NTC thermistor with measurement accuracy: +/- 0.2 °F
PIR cover	Without cover

Complementary

Range compatibility	EcoStruxure Building Expert communication card EcoStruxure Building Expert sensor EcoStruxure Building Expert temperature sensor EcoStruxure Building Expert relay EcoStruxure Building Expert sensor coverplate
[Us] rated supply voltage	10...30 V AC 50/60 Hz
Rated operational power in VA	2 VA
Electrical insulation class	Class II
Network frequency	50 Hz 60 Hz
Communication port protocol	BACnet MS/TP protocol
Temperature setting range	40...90 °F (heating) 0.9 °F (per step) 54...100 °F (cooling)
Information displayed	Temperature : - 40...122 °F
Control accuracy	For temperature : +/- 0.9 °F at 70 °F typically calibrated
Number of inputs	2 dry contact input
Number of outputs	2 universal output
Output rating	For digital output : 30 V AC , 1 A (maximum) For digital output : 30 V AC , 3 A (inrush)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

For analog output : 0...10 V DC , <= 5 mA into >= 2 kOhm resistance

Proportional band	For heating : adjustable P regulator by 2 °F (factory setting) For cooling : adjustable P regulator by 2 °F (factory setting)
Contact operation	5 standard push-button
AWG gauge	AWG 22...AWG 18
Connections - terminals	Screw terminal
Width	3.42 in
Depth	1.18 in
Height	4.92 in
Product weight	0.75 lb(US)

Environment

Relative humidity	For operating : 0...95 % non-condensing For storage : 0...95 % non-condensing
Ambient air temperature for operation	32...122 °F
Ambient air temperature for storage	-22...122 °F
Standards	FCC part 15 subpart B ICES-003 UL 873 CSA C22.2 No 24
Product certifications	C-Tick : AS/NZS CISPR 22 FCC : CFR 47 part 15 class A UL listed file E27734 CCN XPAX UL listed file E27734 CCN XPAX7 CE
Directives	89/336/EEC - electromagnetic compatibility

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1106 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available